



WEEKLY GI RESEARCH FORUM

"Immune

Responses in GI:

Pancreatitis and IBD"

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The seminar will cover recent work from the Habtezion lab of bench to bedside research to understand immune pathways involved in the pathogenesis of gastrointestinal (GI) diseases namely, pancreatitis and inflammatory bowel disease (IBD). In the first part, the seminar will cover mechanisms of how immune cells cross talk with non-immune cells during pancreatitis. In the second part of the seminar aspects of immune characteristics that can decipher IBD heterogeneity and impact of microbial metabolites in intestinal inflammation will be discussed.

References: (1) Lee et al. Distinct immune characteristics distinguish hereditary and idiopathic chronic pancreatitis. *J Clin Invest* 2020;130(5):2705-2711. PMID:32053120. (2) Sinha, Haileselassie, et al. Dysbiosis-induced secondary bile acid deficiency promotes intestinal inflammation. *Cell Host Microbe* 2020;27(4):659-670. PMID:32101703. (3) Rubin et al. Mass cytometry reveals systemic and local immune signatures that distinguish inflammatory bowel diseases. *Nat Commun* 2019;10(1):2686. PMID:31217423.

OCT 1 • 4:00 PM

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Meeting ID: 951 0349 9512
Password: 2020

<https://tinyurl.com/y5rd2uut>

Questions? Contact escamill@bcm.edu